

What is claimed is:

1. A slide for a gravity slide sorter comprising:
  - a chute having a bottom and two sides;
  - first and second support brackets respectively mounted to the two sides of the chute,
  - each of said first and second support brackets having at least one alignment notch located on its upper edge;
  - a product guide movably mounted above the chute and having one or more perimeter tabs located along its periphery to support the product guide within the one or more respective notches;
  - whereby the product guide moves upwardly from the bottom of the chute with oversized products moving along the chute and being restored into position by the tabs moving downwardly into the respective notches.
2. The slide of claim 1 further including at least one adjustment mechanism for each of the brackets with respect to the respective sides of the chute.
3. The slide of claim 1 further including at least one elongated pin to allow the product guide to move upwardly from the bottom of the chute.
4. The slide of claim 2 further including at least one elongated pin to allow the product guide to move upwardly from the bottom of the chute.
5. The slide of claim 1 wherein the product guide is dimensionally elongated along at least a portion of the chute in the direction of product movement, the product guide flexibly moving upwardly from the bottom of the chute with oversized products moving along the chute.

6. The slide of claim 2 wherein the product guide is dimensionally elongated along at least a portion of the chute in the direction of product movement, the product guide flexibly moving upwardly from the bottom of the chute with oversized products moving along the chute.
7. The slide of claim 1 wherein the chute further includes different height channel dividers, at least some of which are of sufficient height to contact the product guide when the tabs are resting in the bottom of the respective notches.
8. The slide of claim 1 wherein each of the notches has a tapered downstream side to assist in the alignment therein of the respective tabs.
9. The slide of claim 2 wherein each of the notches has a tapered downstream side to assist in the alignment therein of the respective tabs.
10. The slide of claim 1 wherein the tabs are integral with the product guide.
11. The slide of claim 1 wherein the tabs are separate and attachable to the product guide.
12. The slide of claim 1, wherein the product guide is a planar sheet.